



comar

ARCHITECTURAL ALUMINIUM SYSTEMS



Cobar House, Truro Technology Park



Comar Architectural Aluminium Systems profiles were used for the glazed façade of Cobar House in Truro. The building's external envelope combines natural-coloured woodwork with white brick and its main feature, silver and grey coloured fenestration. Comar 6 50mm curtain walling was specified for the entire glazed frontage. The ladder frame assembled curtain wall was pre-fabricated prior to installation, which significantly reduced the on-site time. The faceted entrance feature was achieved with Comar 6 corner mullions, which are adjustable to 15°-145° returns.

The Comar 6 glazed façade integrates double-glazing with aluminium-faced insulated panels. Comar has a range of gaskets and pressure plates which allows panels and glass of different widths to integrate into the same curtain wall, thus eliminating the need to step-cut the panels. For opening vents, Comar 5Lt 45mm top-hung windows were integrated direct into Comar 6. These were selected due to their 45mm width, which minimised sight-lines.

For the entrance, Comar 7 High Performance Tempest butt-hung rebated doors were selected. Comar 7 high performance Tempest exceeds the requirements of BS 6375 reporting no water leakage at 1200Pa, which makes the suite ideal for projects where weather efficiency in harsh conditions is a prerequisite.

All Comar profiles were silver anodised with complementing grey panels of RAL700. This created a sleek installation where sight-lines were a feature. Due to the successful installation which was completed on time, Alan Spear Ltd was awarded more contracts by the same contractor on the same site.

PROJECT DETAILS

Architects
PDP Green Consulting.

Fabricator
Alan Spear Ltd.

Main Contractor
PDP Green Consulting.

Project Value
£90,000.

Systems Used
Comar 6, 7 and 5LT.

Location
Truro.

Cobar House, Truro Technology Park

Comar, the leading British Aluminium Systems House, designs and extrudes over 700 aluminium profile sections. A team of specification consultants provide project-by-project design, calculations and NBS specification advice to architects. Comar distributes profiles to a nationwide network of fabricators for manufacture and installation.

Retail Aluminium Architecture

Inherent strength and slim sight-lines make Comar aluminium the specification product of choice for all retail outlets. Comar offers extensive systems which integrate to provide aesthetic appeal to potential retail customers.

Step through Comar 7, an extensive range of sliding, automatic, folding or swing doors. Overhead Comar 6 creates sloped, pitched or barrel vaults which cast light throughout the retail complex or outlet. Comar 1,3,4 & 8 integrate with Comar 7 to provide shop-fronts with various angle returns and height capability. Comar 6 curtain walling houses the envelope with a variety of cover caps which complement panels and glazing.

Commercial Aluminium Architecture

Statement of function is the key element of commercial building design. From designing industrial units to corporate headquarters the flexibility of Comar Aluminium Systems can integrate with panel systems and provide curtain wall with opening vents and windows in a variety of configurations. Comar can

powder coat the aluminium system to your RAL, BS or Syntha Pulvin colour to complement the façade.

Education & Public Building Aluminium Architecture

Comar have worked in conjunction with Local Authorities to design specific products for use in the education and public building sector. The nature of public building construction demands cost effective, robust solutions. Comar 2 is a cost saving alternative to curtain walling, creating glazed façades for medium rise buildings, stairwells and entrances. Comar 2 integrates with Comar 5 and 5LT windows with espagnolette locking handles to provide security and Comar 7 Doors with anti-finger traps to provide safety. Comar's integrated systems ensure a cost effective, aesthetic façade with security and safety as standard.

RIBA CPD Provider

Comar provides RIBA assessed CPD Seminars to architects and specifiers throughout the UK. There are two seminars available; please complete the feedback for further details.

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GROUND FLOOR TREATMENT	
COMAR 1	Single Glazed GFT
COMAR 2	Double Glazed GFT
COMAR 4	Single Glazed GFT
COMAR 8	Fin/Bead GFT
CURTAIN WALLING	
COMAR 6	Curtain Walling, Stick Build & Ladder Frame, Square Cut & Step Cut.
DOORS	
COMAR 7	Doors, Folding, Sliding, Swing & Polyamide Rebated.
WINDOWS	
COMAR 5	Windows, 45mm, 50mm & 60mm Polyamide.
WINDOW WALLING	
COMAR 2	Feature Wall T.B. Window Walling, Thermally Broken.

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NAME: _____

ADDRESS: _____

COMPANY: _____

TEL: _____

FAX: _____

EMAIL: _____

I would like to hear more about Comar Architectural Aluminium Systems (Please tick):

Ground Floor Treatment Curtains Walling
Windows Doors

or I would like to be contacted by my local Comar project consultant.

Please fax this form back to 020 8646 5096

